

COVID-19 COCONINO COUNTY WEEKLY UPDATE

Morbidity and Mortality Weekly Report (MMWR)

Week 41 (10/04/2020- 10/10/2020)

COCONINO COUNTY
October 16, 2020

Situation Summary

MMWR Week 41 (10/04/2020-10/10/2020)

A total of 4,462 confirmed COVID-19 cases have been reported among Coconino County residents through week 41.

Deaths: 139 (3% of cases)

Probable Deaths: 5

Recovered Cases: 3,378

(76% of cases)

Hospitalizations: 656

(15% of cases)

Cases Reported Week 41 (October 4 - October 10, 2020):

**204
Confirmed
Cases**

**2,832
Negative
Cases**

**137.5
Rate per
100,000**

**4.7%*
Positivity
Yield**

Community Transmission

- Coconino County has a current **incidence rate of 137.5 per 100,000, percent positivity of 4.7%***, and **COVID-19-Like-Illness incidence (CLI) of 3.9%****.
- Coconino County is currently at a **moderate** level of community transmission.

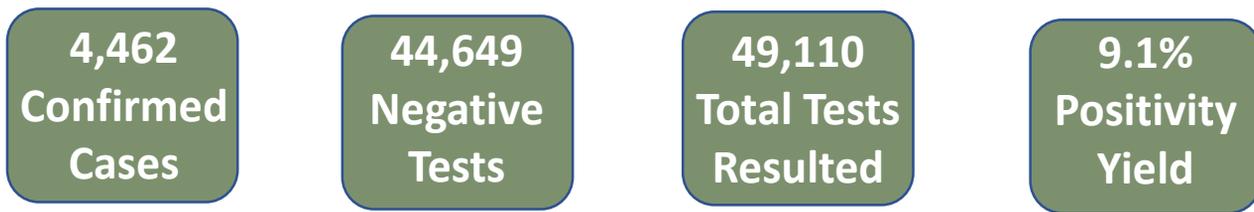
Benchmarks	Minimal	Moderate	Substantial
Cases	<10 cases/100,000	10-100 cases/100,000	>100 cases/100,000
Percent Positivity	<5%	5-10%	>10%
COVID-19-Like-Illness	<5%	5-10%	>10%

The Arizona Department of Health defines community spread levels with the thresholds outlined in the table above. These thresholds are consistent with the national standards set by Coronavirus Task Force.

**Percent positivity was calculated using only ELR data due to insufficient reporting.*

***Incidence rate and percent positivity data are from week 41 (CLI data from week 40 due to reporting lag). CLI is reported using hospital surveillance from the ADHS dashboard at the county level. Not all county hospitals are reporting CLI. Percent positivity numbers may differ from ADHS, as ADHS does not include non-electronic lab reports in % positivity calculations*

Cumulative Counts (March 15, 2020- October 10, 2020):

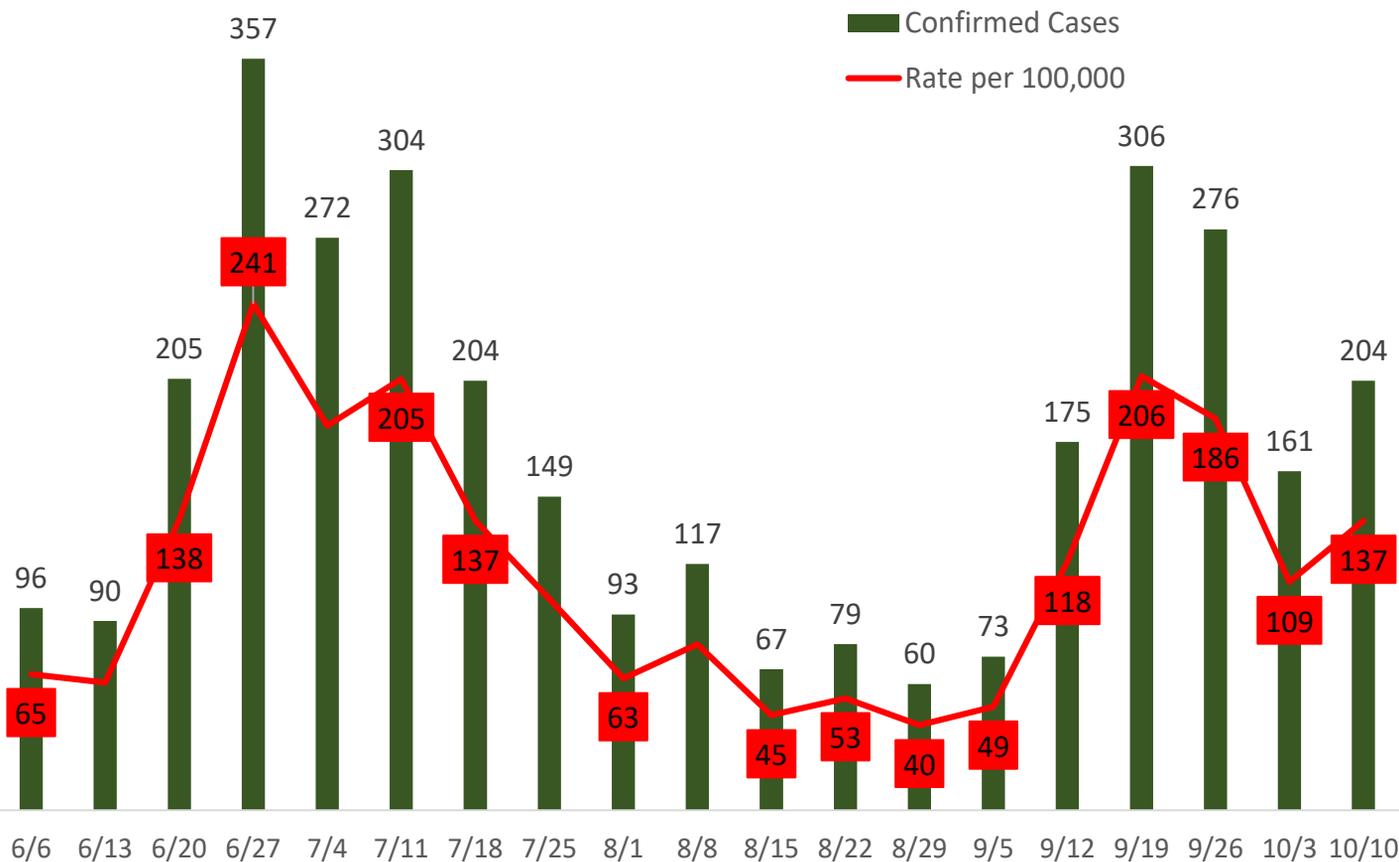


3,006.6 cases per 100,000 Coconino County Residents

vs.

3,166.4 cases per 100,000 Arizona Residents

Weekly Case Counts Among Coconino County Residents:



*Cases reported from 3/15/20-10/10/20

Age:

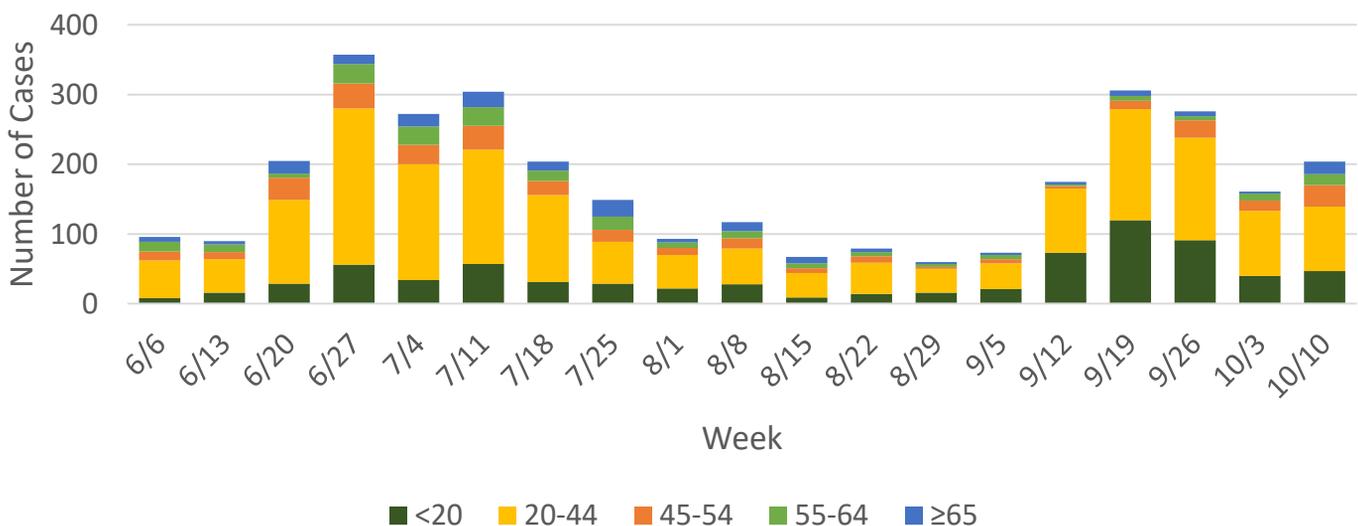
Age	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
<20 years	858	7,280	8%	16,860.7	1,987.1
20-44 years	2,295	23,568	8%	43,637.3	4,249.3
45-54 years	517	6,109	8%	39,211.8	3,318.5
55-64 years	418	6,014	6%	35,554.5	2,471.2
65+ years	374	6,141	5%	33,377.5	2,032.8

The median age of Coconino County COVID-19 cases is 29 years old

Key Take Away

- The highest **case incidence** for week 41 was observed among residents aged 45-54, with an incidence of 217.6 per 100,000
- The highest **positivity yield** for week 41 was observed among residents aged 45-54, with a positivity yield of 7.3%.
- The highest overall **testing incidence** was observed among residents aged 20-44 years (nearly 31% higher than that of 65+ years).

Age of Confirmed Cases by Week



*Cases reported from 3/15/20-10/10/20

COVID-19 Situation Summary*

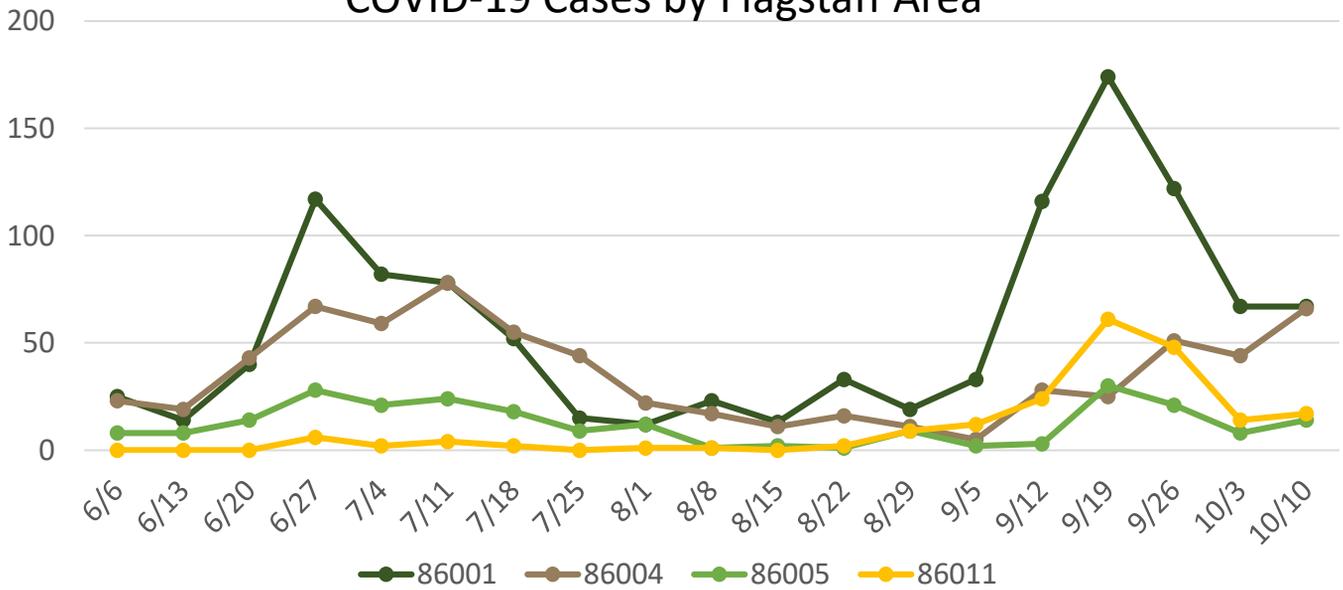
Location:

Location	Confirmed Cases	Total Tests	Positivity Yield	Testing Incidence per 100,000	Case Incidence per 100,000
Flagstaff	2,562	35,043	5%	45,605.7	3,334.2
Page	311	2,896	13%	37,348.5	4,010.8
Tribal Communities	1,364	7,914	11%	30,459.5	5,249.8
Williams	82	1,271	5%	24,136.0	1,557.2
Grand Canyon	53	551	9%	22,173.0	2,132.8
Other Areas	90	1,380.0	3%	4,592.3	299.5

Key Take Away

- The highest **increase of cases** in the Flagstaff area from the previous week was observed in 86005 with a 75% increase followed by 86004 with a 50% increase.
- The highest **increase of cases** in Other Areas from the previous week was observed in Williams and Grand Canyon with a 600% increase.
- The highest overall **testing incidence** rate was observed in Flagstaff.

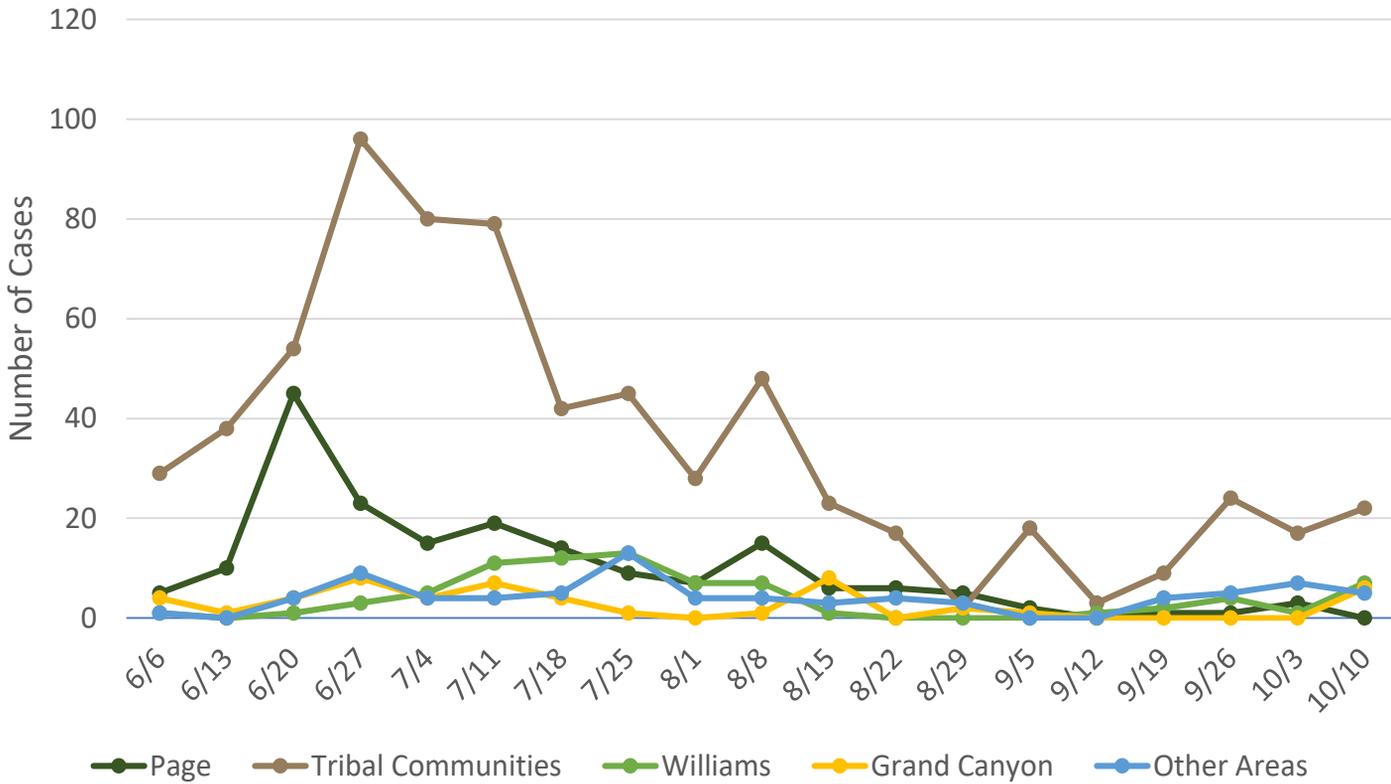
COVID-19 Cases by Flagstaff Area



*Cases reported from 3/15/20-10/10/20

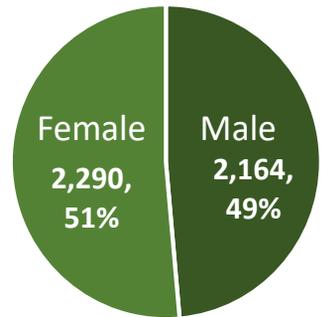
Location:

COVID-19 Cases by Other Geographic Area



Sex:

Sex	Confirmed Cases	Total Tests	Positivity Yield	Case Incidence per 100,000
Female	2,290	26,000	6.7%	3,038.1
Male	2,164	22,215	7.1%	2,964.3

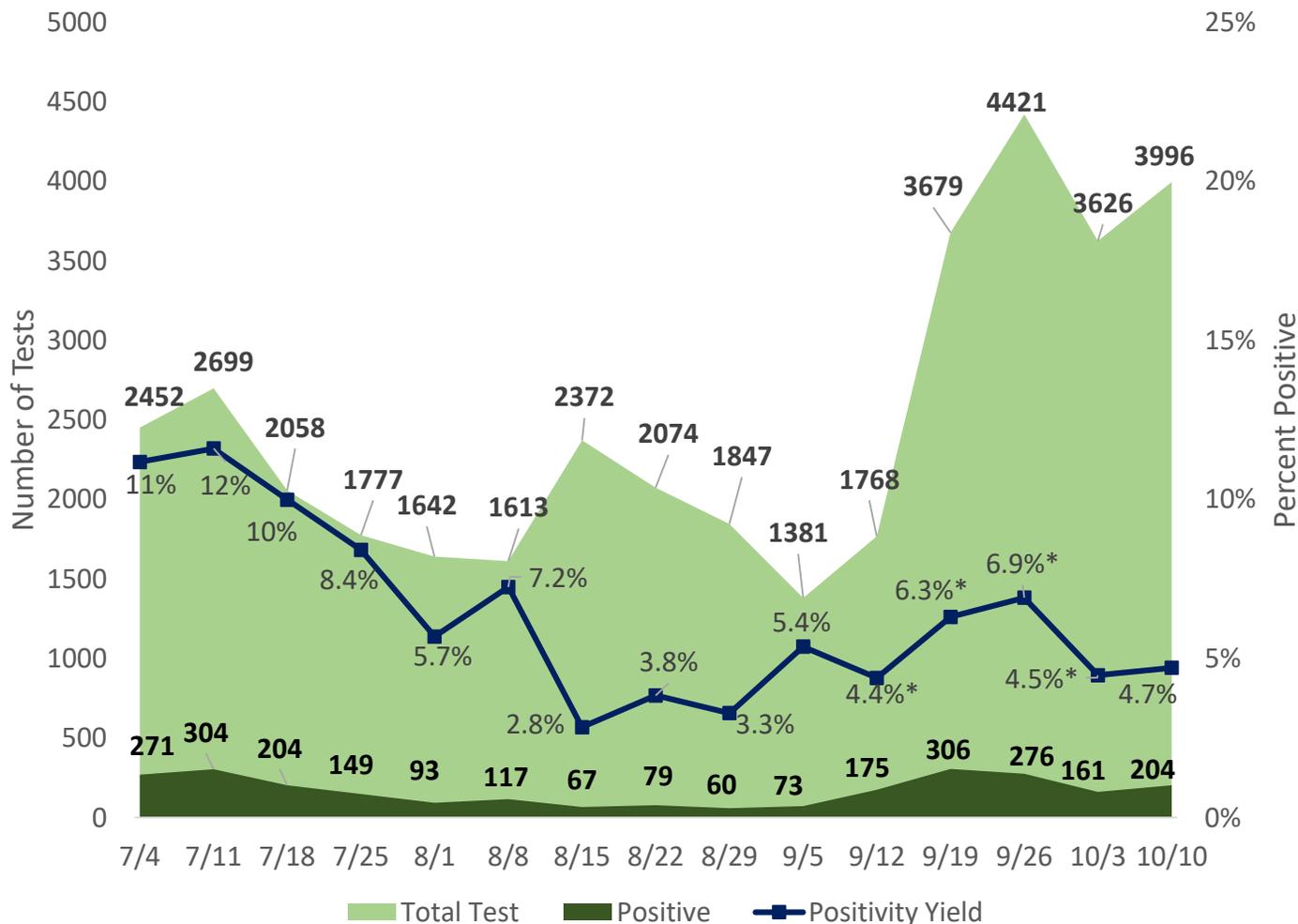


Key Take Away

- Although females have a slightly higher incidence of COVID-19 compared to males, females had 17% more tests than male residents.
- Male residents have slightly higher testing positivity yields.

*Cases reported from 3/15/20-10/10/20

COVID-19 TESTING BY WEEK:



*Percent positivity was calculated using only ELR data due to insufficient reporting.

Specimen Collection: Coconino County response team sites have collected a total of **38,294** specimens.

Fort Tuthill: 19,452	CCHHS: 1,308	CCC: 212	NAU: 15,949
Fredonia: 41	Grand Canyon: 119	Williams: 547	Other: 666

Investigations: The investigations team interviews Coconino County Residents that test positive for COVID-19. **Investigations completed: 2,397**

Monitoring: The monitoring team contacts confirmed cases/people exposed to confirmed cases to monitor for symptoms, identify needs, and provides assistance as requested.

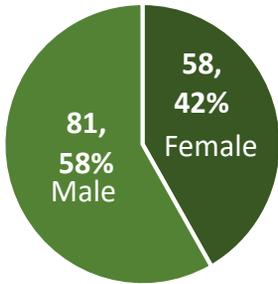
- **Currently being monitored: 203 (As of 10/10/2020)**
- **Total individuals monitored to date: 2,537**

*Cases reported from 3/15/20-10/10/20

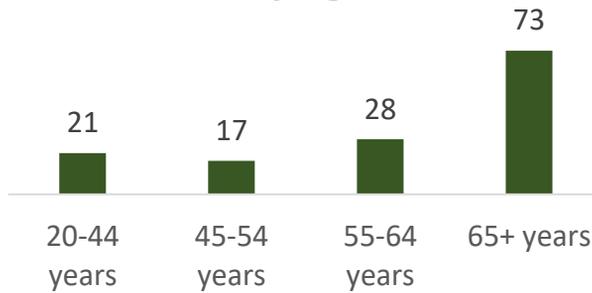
COVID-19 Related Deaths:



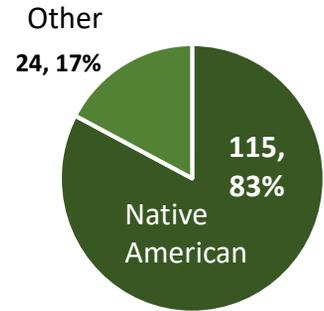
Sex



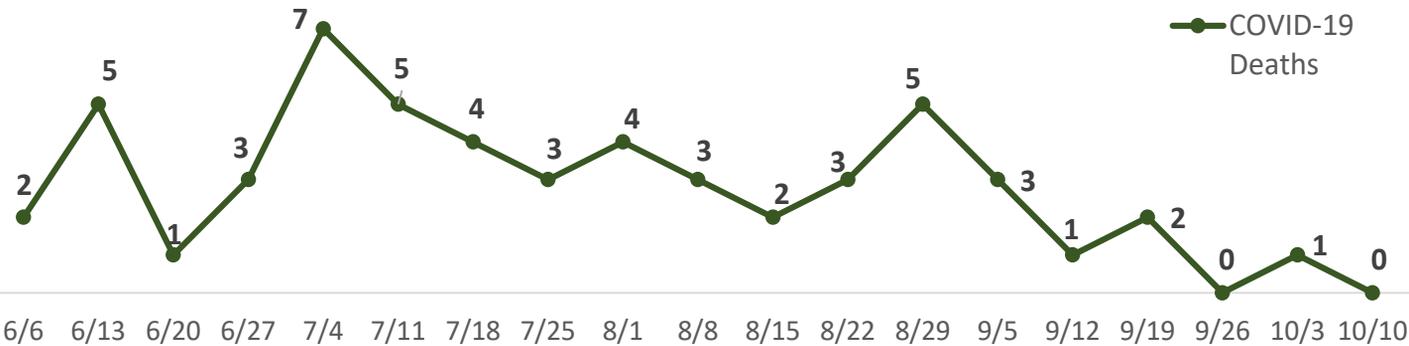
Coconino COVID-19 Deaths by Age



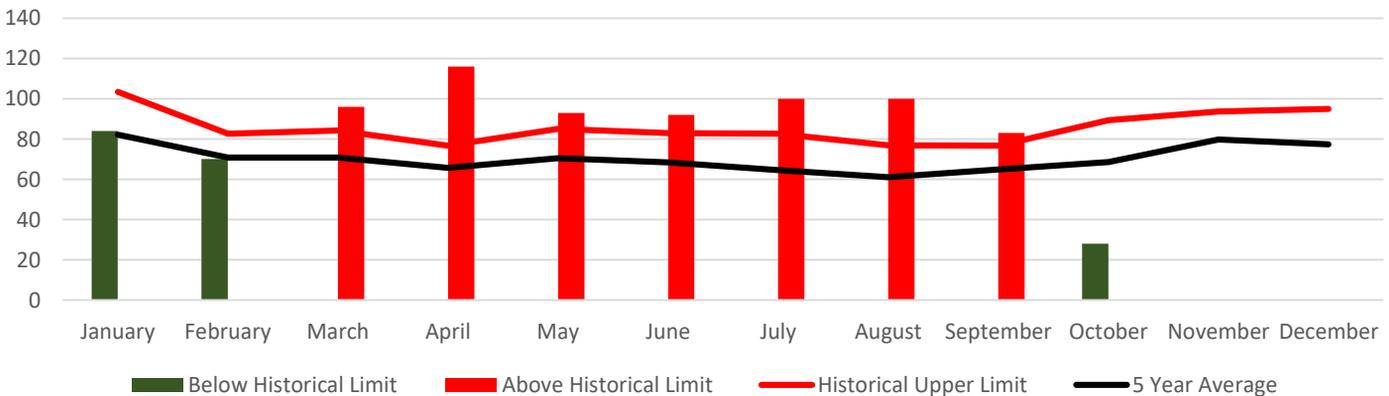
Race



Weekly COVID-19 Deaths Among Coconino County Residents:



2020 All Deaths Aberration



*Cases reported from 3/15/20-10/10/20